

CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR		DATE 22-JUL-12	F.R. # 1001924409		SERV. SUPV. AARON M MCWILLIAMS								
LEASE & WELL NAME COYLE #31-34D - API 05123354880000		LOCATION 34-4N-68W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 233		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD TVD							
Latch Down Plug & Assembly, 4-1/2	Float Collar, Auto Fill, 4-1/2 - 8rd												
	Float Shoe 4-1/2 - 8rd												
	Centralizer, with Pins, 4-1/2 in												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
50:50+.4%FL-52+3%Gel+.1%SMS+20%SF+.15%R3		C07-091-12	165	13.5	1.71	8.30	03:21	50.2	32.49				
ClayCare Water		0	0	8.34	0	0	00:00	125.33					
PL+.25#/skCF+.4%FL-52+3%Gel		C07-091-12	720	12.5	1.89	10.37	02:06	242	177.57				
Fresh Water		0	0	8.34	0	0	00:00	20					
Mud Clean II		0	0	8.34	0	0	00:00	20					
Freshwater		0	0	8.34	0	0	00:00	20					
Available Mix Water 500 Bbl.		Available Displ. Fluid 250 Bbl.	TOTAL			477.53	210.06						
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
7.875	10	7865	4.052	4.5	11.6	CSG	7865	7865	L-80	7848	7831	0	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	674	674	No Packer	0	0	0	4.5	8RD	WATER BASED	9.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER		
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
121	BBLS	ClayCare Water	8.34	1518	0	0	0	0	7780	6224	Rig tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM				
Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL						PV & YP Mud In: 12			PV & YP Mud Out: 12				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
Displacement And Mud Removal													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 1.3 BBLS							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: Visual							
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 35		Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD													
Plugs													
Number of Attempts by BJ: 0						Competition: 0		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Top of Plug: 0 FT		Bottom of Plug: 0 FT					
Squeezes (Update Original Treatment Report for Primary Job)													
BLOCK SQUEEZE <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input type="checkbox"/> UNPLANNED <input checked="" type="checkbox"/>													
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0		Fluid Weight: 0 LBS/GAL			
Casing Test (Update Original Treatment Report for Primary Job)													
Casing Test Pressure: 0 PSI						With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes					

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT
 Number of Times Tests Conducted: 0
 Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 While pumping cmt had density spikes up to 20 ppg, weighed cmt and ran pump in strokes to keep counters on, ran knife gate and water in manual to keep density lined out.

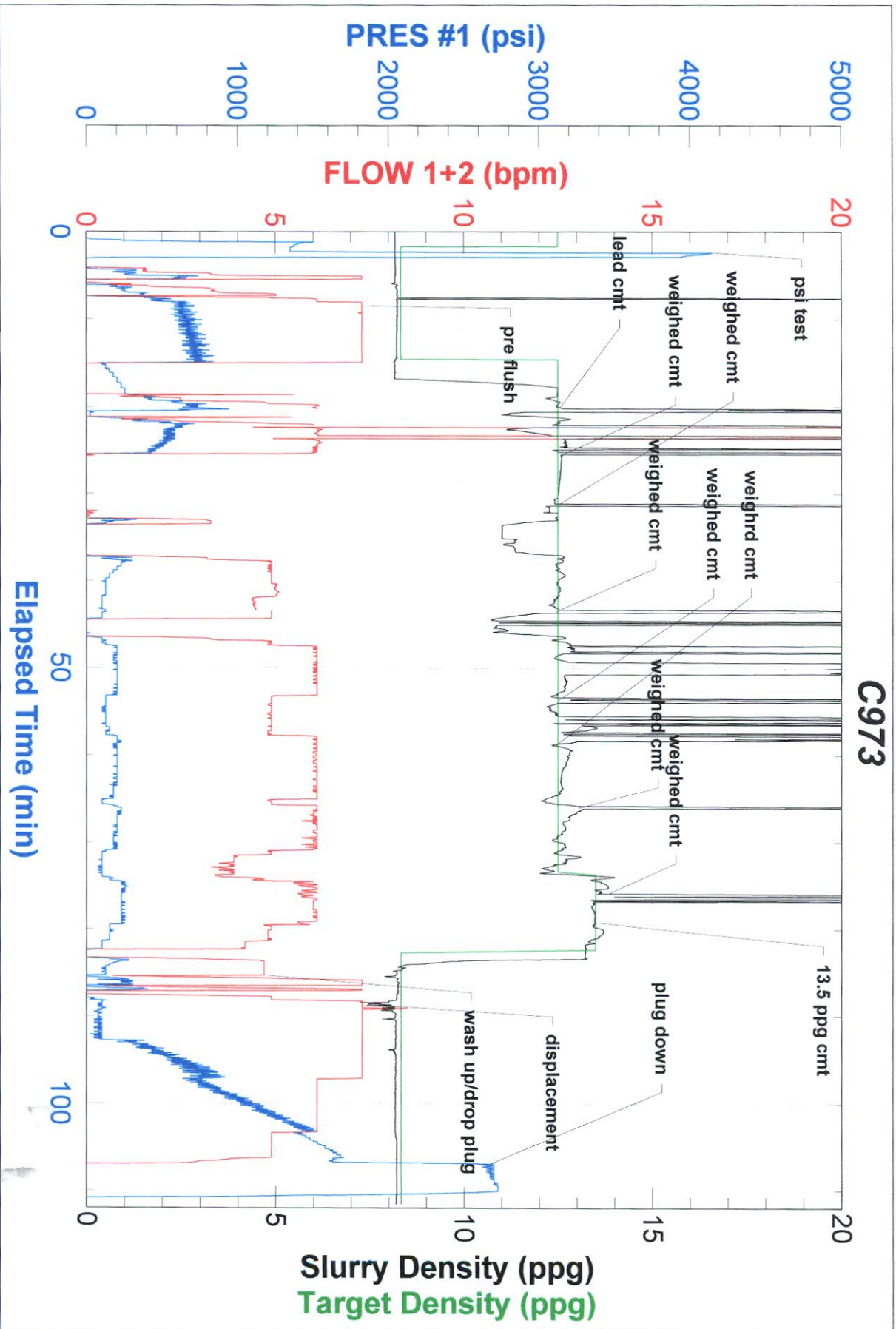
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 4128 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:15	0	0	0	0	NA	Leave Yard	
12:08	0	0	0	0	NA	Arrive on location	
13:17	0	0	0	0	NA	Spot trucks	
13:25	0	0	0	0	NA	Pre rig up safety meeting	
14:00	0	0	0	0	NA	Safety meeting	
14:28	4128	0	0	0	H2O	Pressure test	
14:32	612	0	7	20	H2O	Fresh water spacer	
14:36	688	0	7	20	H2O	Mud clean II spacer	
14:40	688	0	7	20	H2O	Fresh water spacer	
14:48	612	0	6	230	CMT	Batch/weigh/pump lead cmt @ 12.5 ppg	
15:41	153	0	4.5	46	CMT	Weigh/pump tail cmt @n 13.5 ppg	
15:50	0	0	0	0	NA	Shut down and wash pumps and lines	
15:51	0	0	0	0	NA	Drop plug	
15:54	77	0	7	60	H2O	Displacement	
16:05	688	0	6	40	H2O	Drop rate	
16:08	1351	0	4.8	15	H2O	Drop rate	
16:14	1716	0	3	6	H2O	Drop rate	
16:17	2013	0	3	121	H2O	Bump plug	
16:17	2701	0	0	0	NA	Plug down @ 121 bbl	
16:19	0	0	0	0	NA	Check floats	
16:20	0	0	0	0	NA	Rig down safety meeting	
BUMPED PLUG		PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N 0			<input checked="" type="checkbox"/> Y <input type="checkbox"/> N 0		457	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Service Supervisor Signature:							



BJ Services JobMaster Program Version 3.50
Job Number: 1001924439
Customer: Synergy
Well Name: Coyle #31-34D



FIELD RECEIPT NO. 1001924409



CUSTOMER		SYNERGY RESOURCES CORP		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO		20203 HWY 60 PO BOX 80651		Platteville		Colorado		80651			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE :			
07 22 2012		AARON M MCWILLIAMS		05123354880000		New Well					
DISTRICT		BUS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :					
WELL NAME AND NUMBER		COYLE #31-34D		TD WELL DEPTH (ft)		GAS USED ON JOB :					
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
34-4N-68W		Weid		Colorado		Long String					
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT				
100021	Class G Cement	sacks	✓ 83	31.800	2,639.40	58%	1,108.55				
100120	Bentonite	lbs	✓ 2296	0.530	1,216.88	58%	511.09				
100121	Silica Flour	lbs	✓ 2772	0.590	1,635.48	58%	686.90				
100275	Sodium Metasilicate	lbs	✓ 14	4.100	57.40	58%	24.11				
100283	R-3	lbs	✓ 21	3.840	80.64	58%	33.87				
100295	Cello Flake	lbs	✓ 180	5.100	918.00	58%	385.56				
100317	Poz (Fly Ash)	sacks	✓ 83	14.200	1,178.60	58%	495.01				
398108	Mud Clean II	gals	✓ 840	1.700	1,428.00	58%	599.76				
398224	Premium Lite Cement	sacks	✓ 720	27.650	19,908.00	58%	8,361.36				
488015	FL-52	lbs	✓ 307	26.900	8,258.30	58%	3,468.49				
488019	FP-6L	gals	✓ 7	104.250	729.75	58%	306.50				
499702	ClayCare, Clay Treat-2C, 260 gl tote	gals	✓ 6	147.000	882.00	58%	370.44				
SUB-TOTAL FOR Product Material					38,932.45	58.00%	16,351.64				

ARRIVE MO. DAY YEAR TIME
LOCATION : 07 22 2012 12:12

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

X BHI APPROVED



FIELD RECEIPT NO. 1001924409

CUSTOMER		SYNERGY RESOURCES CORP		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO		20203 HWY 60 PO BOX 80651		Platteville		Colorado		80651			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE:				
07 22 2012		AARON M MCWILLIAMS		05123354880000		New Well					
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS:					
COYLE #31-34D		TD WELL DEPTH (ft)		7.848		Gas					
WELL NAME AND NUMBER		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:			
34-4N-68W		Weid		Colorado		Long String					
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT				
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	210.000	210.00	0%	210.00				
M100	Bulk Materials Blending Charge	cu ft	989	5.450	5,390.05	58%	2,263.82				
			SUB-TOTAL FOR Service Charges		5,600.05	55.83%	2,473.82				
F067A	Cement Pumping, 7001 - 8000 ft	6hrs	1	9,525.000	9,525.00	58%	4,000.50				
F090	Fuel per pump charge - cement	pump/hr	4	70.250	281.00	0%	281.00				
J050	Cement Head	job	1	830.000	830.00	58%	348.60				
J225	Data Acquisition, Cement, Standard	job	1	2,130.000	2,130.00	58%	894.60				
J390	Mileage, Heavy Vehicle	miles	60	11.850	711.00	58%	298.62				
J391	Mileage, Auto, Pick-Up or Treating Van	miles	60	6.700	402.00	58%	168.84				
			SUB-TOTAL FOR Equipment		13,879.00	56.83%	5,992.16				
J401	Bulk Delivery, Dry Products	ton-mi	1234	3.940	4,861.96	58%	2,042.02				
			SUB-TOTAL FOR Freight/Delivery Charges		4,861.96	58.00%	2,042.02				
			FIELD ESTIMATE		63,273.46	57.55%	26,859.64				
ARRIVE LOCATION : 07 22 2012 12:12		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.		SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.							
CUSTOMER REP. Craig		X		CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		X		BHI APPROVED							